

APR 21 2003

K030782/1

510(k) SUMMARY OF SUBSTANTIAL EQUIVALENCE

Proprietary Name:	SEAMGUARD® Bioabsorbable Staple Line Reinforcement Material
Common Name:	Staple Line Reinforcement Material
Classification Name:	Surgical Mesh
Device Classification:	Class II
Product Classification and Code:	878.3300, FTL
Classification Panel:	General and Plastic Surgery Devices
Establishment Registration Number:	2025240
Contact Person:	Mike Johnson Regulatory Affairs Medical Products Division WL Gore & Associates, Inc. 3450 West Kiltie Lane Flagstaff, AZ 86002-0500 Telephone: (928) 864-3615 Facsimile: (928) 864-4144 E-mail: mdjohnso@wlgore.com

Performance Standards

Performance standards do not currently exist for these devices. None established under Section 514.

Device Description

The SEAMGUARD Bioabsorbable Staple Line Reinforcement Material consists of a bioabsorbable membrane formed into a sleeve with use of a polyester braided suture pullcord. The bioabsorbable material is comprised of a microporous structure of synthetic



bioabsorbable glycolide and trimethylene carbonate copolymer. The SEAMGUARD Bioabsorbable Staple Line Reinforcement Material is to be used with surgical stapling devices.

The SEAMGUARD Bioabsorbable Staple Line Reinforcement Material is supplied in sterile, foil film laminate pouches. Pouches contain the necessary material for the cartridge jaw and the anvil jaw of the surgical stapler. Tyvek® inserts facilitate placement of the reinforcement material onto the stapler jaws.

Indication for Use

SEAMGUARD Bioabsorbable Staple Line Reinforcement Material is indicated for surgical procedures in which soft tissue transection or resection with staple line reinforcement is needed. SEAMGUARD Bioabsorbable Staple Line Reinforcement Material can be used for reinforcement of staple lines during lung resection and for reinforcement of gastric staple lines during bariatric surgical procedures of gastric bypass and gastric banding.

Substantially Equivalent Devices

In WL Gore & Associates' opinion, the SEAMGUARD Bioabsorbable Staple Line Reinforcement Material is believed to be substantially equivalent to the following predicate devices currently in interstate commerce with respect to comparable features, materials of construction and intended use.

- SEAMGUARD® Staple Line Reinforcement Material (WL Gore & Associates, Inc., Flagstaff, AZ) – K001789
- Absorbable Foam Buttress (AFB) (J&J Corporate Biomaterials Center, a Division of Ethicon, Somerville, NJ) – K014183
- Resolut ADAPT® ST Regenerative Membrane (WL Gore & Associates, Inc., Flagstaff, AZ) – K013346
- Polyviolene® Braided Polyester Suture (Look, Inc., Ada, OK) – K926167

Labeling, packaging and sterilization of the SEAMGUARD Bioabsorbable Staple Line Reinforcement Material is substantially equivalent to that of the predicate devices listed above.

Summary of Studies

WL Gore & Associates, Inc. performed device integrity testing to support that the SEAMGUARD Bioabsorbable Staple Line Reinforcement Material is equivalent to the predicate devices. All device integrity test results for the SEAMGUARD Bioabsorbable Staple Line Reinforcement Material met specified requirements.



APR 21 2003

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

Mr. Mike Johnson
Regulatory Affairs
W.L. Gore & Associates, Inc.
3450 West Kiltie Lane
Flagstaff, Arizona 86002-0500

Re: K030782

Trade/Device Name: SEAMGUARD® Bioabsorbable Staple Line Reinforcement Material
Regulation Number: 21 CFR 878.3300
Regulation Name: Surgical Mesh
Regulatory Class: II
Product Code: FTM
Dated: March 10, 2003
Received: March 11, 2003

Dear Mr. Johnson:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

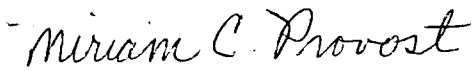
If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please contact the Office of Compliance at (301) 594-4659. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97) you may obtain. Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address <http://www.fda.gov/cdrh/dsma/dsmamain.html>

Sincerely yours,


for Celia M. Witten, Ph.D., M.D.
Director
Division of General, Restorative
and Neurological Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

K030782

INDICATION FOR USE

510(k) Number (if known): K030782

Device Name: SEAMGUARD® Bioabsorbable Staple Line Reinforcement Material

Intended Use / Indication For Use: SEAMGUARD Bioabsorbable Staple Line Reinforcement Material is indicated for surgical procedures in which soft tissue transection or resection with staple line reinforcement is needed. SEAMGUARD Bioabsorbable Staple Line Reinforcement Material can be used for reinforcement of staple lines during lung resection and for reinforcement of gastric staple lines during bariatric surgical procedures of gastric bypass and gastric banding.

Miriam C. Provost
(Division Sign-Off)
Division of General, Restorative
and Neurological Devices

510(k) Number K030782

(PLEASE DO NOT WRITE BELOW THIS LINE - CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office of Device Evaluation (ODE)

✓
Prescription Use

(Per 21 CFR 801.109)

OR

Over-The-Counter Use

(Optional Format 1-2-96)



Confidential